OOK

h	Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501512

Serial No. 1st and part bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ... Sri. N. Venkata reddy.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work :- package-2, includes 5 works of Rs. 90.00 lakhs.						
	1) Improvements of roads and drain in Kodigehalli village in ward no. 08 Kodigehalli East. cost 25.00 lakhs.						
	2) providing Borewell and pipeline work in Kodigehalli in ward no. 08 Kodigehalli Est. cost 25.00 lakhs.						
	3) Improvements of roads and drain in Kodigehalli and surrounding in ward no. 08 Kodigehalli Est. cost 25.00 lakhs.						
	4) maintenance works to ward office ward no. 08 Est. cost 5.00 lakhs.						
	5) Drelling of Borewells and providing pipeline at Kodigehalli in ward no. 08 Esti. cost 10.00 lakh.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est. Cost :- Rs. 90.00 lakhs						
	Job Code / Indent No. 008-19-000006, 008-19-000004, 008-19-000005 008-19-000014, 008-19-000016						
	Head of Account :- P3296, P3293, P3296, P3291, P3293.						
	Tender Notification Number :- EE/BTP/BBMP/E-PMT/01/2019-20. dt:- 25.04.2019						
	Work Order No :- BBMP/EE/BTP/WO/147/2019-20 Dated: 08/11/2019						
	Date of completion:-						

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
1)	Earthwork excavation by ... in ordinary soil excavated ... ed earths to be levelled n... ...fications.	= Qty 533.
2)	providing and laying in ... with OPC @ 180 Kgs, with ... coarse aggregates @ 0.8 ... mixed, concrete laid in ... in foundation, including	

Contents	Reference to last Measurement
7	8
000004, 008-19-000005	
-000016	
3291, R3293.	
E-PMT/01/2019-20.	
dt; 25.04.2019	
2019-20 Dated: 08/11/2019	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501513

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the dispos- ed earth to be levelled neatly after breaking of clods complete as per speci- fications.						
	= Qty vide P.M. ref. measurement sheet 3						
	533.43 m^3 @ Rs 244.00/cum Rs 130156.00						
	2) providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 Kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation, including cost of all materials, labour, form curing complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	= Qty vide p.m. ref. measurement sheet 7						
	153.59 m^3 @ Rs 5786.00/ cum					Rs 888671.00	
	3) providing and laying plain / reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 m^3 and fine aggregates at 0.43 m^3 machine mixed, well compacted for walls and bottom including centering, shuttering, cost of all materials. HOM of machinery, curing etc.						
	= Qty vide p.m. ref. measurement sheet 10						
	187.2 m^3 @ Rs 7565.00/ cum					Rs 1416168.00	
	4) providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping &/ or welding wherever required, tying with binding wire & anchoring						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	to the adjoining mem
	materials, labour, HOM
	=
	5) providing granite
	fixed in cement mor
	=
	6) providing chamfering

ontents	Reference to last Measurement
7	8
surement sheet 7	
n Rs 888671.00	
concrete for side	
OPC at 300 kgs. with	
regates at 0.69 m³	
well compacted for	
ost of all materials.	
rement sheet 10	
Rs 1416168.00	
work including str-	
position, lapping &l	
g wire & anchoring	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501514

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to the adjoining membrans wherever necessary complete as per design cost of materials, labour, HOM complete as per specifications. = Qty vide P.M. ref. measurement sheet 12 9.36 Tonne @ Rs 80489.00/Tonne Rs 753377.00						
	5) providing granite slabs of selected quality roughly dressed and fixed in cement mortar including fixing curing etc... complete. = Qty vide P.M. ref. measurement sheet 14 468.00 m² @ Rs 1034.00/sqm Rs 483912.00						
	6) providing chamfering edges to stone slab 2.5 cms. wide as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	= Qty vide p.m. ref. measurement sheet 16						
	2773.33 mtr @ Rs 65.00/ mtr					Rs	180266.00
7)	providing one line dressing to granite stone slab / granite stone masonry as per specifications. Excel sheet - 18						
	468.00 m² @ Rs 1017.00 / sqm					Rs	475956.00
8)	providing machine cutting for RS slab including all lead and lift as per direction of engineer in charges of work. Excel sheet 20						
	= Qty vide P.M. ref. measurement sheet						
	2773.33 mtr @ Rs 65.00/ mtr					Rs	180266.00
9)	providing and fixing pre cast solid concrete kerb stones size 450 x 200 x 400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc. complete.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
10)	providing and applyi asbestos cement shee throughly cleaning o papring including co
11)	painting two coats filling the surface

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			. ref. measurement sheet 16
			Rs 65.00/ mtr Rs 180266.00
			stone slab / granite stone
			-18
			7.00/ sqm Rs 475956.00
			including all lead and lift
			es of work. Excel sheet 20
			measurement sheet
			65.00/ mtr Rs 180266.00
			concrete kerb stones size
			and finished with CM 1:3
			complete.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501515

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	= Qty vide P.M. ref. measurement sheet 22						
	1121.00 Nos @ Rs 510.00/ Nos					Rs 571771.00	
10)	providing and applying ready mix priming coat over concrete/ masonry/ asbestos cement sheet/ plastered surfaces including preparing the surface after throughly cleaning of soil, grease dirt and other foreign matter, and sand papring including cost of materials, labour, complete as per specifications.						
	= Qty vide P.M. ref. measurement sheet 24						
	201.78 m² @ Rs 41.00/ sqm					Rs 8272.00	
11)	painting two coats on New concrete surface: painting two coats after filling the surface with synthetic enamel paint in all shades on new						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	plastered concrete surfaces complete as per specifications.						
	= Qty vide P.M. ref. measurement sheet 26						
	179.22 m² @ Rs 94.00/sqm					Rs 16846.00	
12)	providing and fixing m.s. grill work for windows and ventilators using m.s. flats, or m.s. square rods, or combination of m.s. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and tom complete as per specifications.						
	= Qty vide P.M. ref measurement sheet						
	66.15 Kg @ Rs 108.00/Kg					Rs 7144.00	
13)	Geophysical investigation of site for sinking borewell for supplying						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	drinking water to P.W.S.S. by vertical ers method including geophysical investig quality and acceptab of site, etc complete.
14)	sinking borewell capacity 250 PSIG over burden upto

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
			per specifications.
			ref. measurement sheet 26
			.00/sqm Rs 16846.00
			for windows and ventilators
			or combination of M.S. flats
			n, drawing including cutting
			to required pattern with a
			aterials, fixtures, labour
			s.
			ref measurement sheet
			.00/Kg Rs 7144.00
			Sinking borewell for supplying

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Measurement Book

No. B 501516

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	drinking water to the habitation either through the hand pump, mws or P.W.S.S. by vertical electrical sounding by adopting gvenner or schiburg ers method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality and acceptability of the users indicating the location of site, etc complete.						
	= ~~Qty~~ vide P.M. ref. measurement sheet 28						
	2.00 No @ Rs 2075.00/No					Rs ~~5225.00~~ 4150.00	
14)	sinking borewell of 165 mm dia clear using super fast hydrolic rig of capacity 250 PSIG n/a above 900 CFM and above in all strata including over burden upto 2mm. fixing of casing pipes collars and caps with neces-						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	-ary, cutting and threading including transportation of rig and supporting vehicles, crew charges and cost of consumbables etc complete including yield testing at the final depth with a minimum work in DN compression for an hour etc complete						
	O/w sums						
	= Qty vide P.M. ref. measurement sheet 30						
15)	50.00 to 100.00 mtr						
	100.00 Rmtr @ Rs 338.00/ Rmtr						Rs ~~50700.00~~ 33800.00
	= Qty vide P.M. ref. measurement sheet 30						
16)	100.00 to 150.00 mtr						
	100.00 Rmtr @ Rs 441.00/ Rmtr						Rs ~~66150.00~~
	= Qty vide P.M. ref. measurement sheet 30						
17)	150.00 to 200.00 mtr						
	100.00 Rmtr @ Rs 491.00/ Rmtr						Rs ~~73650.00~~ 49100.00
	= Qty vide P.M. ref. measurement sheet 30						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
18)	200.00 to 250.00 m
19)	250.00 to 300.00 mt
20)	Additional rate ite
	- ng casing pipes be

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		ng transportation of rig and nd cost of consumbables etc/m the final depth with a minimum ur etc complete	
		m. ref. measurement sheet 30	33800.00
		@ Rs 338.00/ Rmtr	Rs ~~50700.00~~
		m. ref. measurement sheet 30	
		Rs 441.00/ Rmtr	Rs ~~66150.00~~
		m. ref. measurement sheet 30	
		Rs 491.00/ Rmtr	Rs ~~73650.00~~ 49100.00
		n. ref. measurement sheet 30	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501517

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		100.00 Rmtr @ Rs 517.00/ Rmtr				Rs ~~77550.00~~	51700.00
18)	200.00 to 250.00 mtr	= Qty vide P.M. ref. measurement sheet 30 =					
		100.00 Rmtr @ Rs 599.00/ Rmtr				Rs ~~89850.00~~	59900.00
19)	250.00 to 300.00 mtr	= Qty vide P.M. ref. measurement sheet 30					38520 ~~38580.00~~
		60.00 m					
		~~100.00~~ Rmtr @ Rs 642.00/ Rmtr				Rs ~~70620.00~~	64200.00
20)	Additional rate item no. 9.1 is allowed for drilling in over burden and fixing casing pipes beyond 20 M etc. complete						
		= Qty vide P. M. ref. measurement sheet 31					
		20.00 Rmtr @ Rs 51.00/ Rmtr				Rs	1020.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21)	Above 30.00 mtr	= Qty vide P.M. ref measurement sheet 31					
		62.00 Rmtr	101.00 Rmtr			Rs	6262.00
22)	supplying of ISI mark	175 mm nominal bore, plain end steel casing					
-	rming to IS 4270: 2001	pipe - grade of steel Fe 410 of wall thickness 5.4 mm thick confi- and latest amendments. etc complete					
		= Qty vide P.M. ref measurement sheet 33					
		182.00 mtr @ Rs 1417.00/ mtr				Rs	~~314574.00~~ 257894.00
23)	providing and fixing	in trenches galvanised mild steel tubes nomi-					
-	nal bore with all fittings including cost of all materials, labour						
	charges, HDM and testing complete as per specifications.						
		= Qty vide P.M. ref measurement sheet 35					
		660.00 Rmtr @ Rs 441.00/ Rmtr				Rs	291060.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
24)	providing 175mm dia	MS
	= Qty	
		4.
25)	supply and drawing 3 core	
	electrolytic grade copper	
	3 class 5 of IS 8130 - 1984	
	for working voltage upt	
	dia Group A.	
		16
26)	Atalanta, Suguna, CRI	K

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ref measurement sheet 31			
00/Rmtr			Rs 6262.00
d bore, plain end steel casing			
thickness 5.4 mm thick confi-			
ndments. etc complete			
ref measurement sheet 33			
17.00/mtr			Rs ~~314574.00~~ 257894.00
lvanised/mild steel tubes nomi-			
cost of all materials, labour			
per specifications.			
ef measurement sheet 35			
s 441.00/Rmtr			Rs 291060.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501518

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
24)	providing 175mm dia MS cap.						
	= Qty vide P.M. ref. measurement sheet 37						
		4.00 Each @ Rs 107.00/Each					Rs 428.00
25)	supply and drawing 3 core flat sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade pvc insulation and sheathed suitable for working voltage upto 1100 Volts as per 1x3x4 sq mm of 56 strands 0.3mm dia Group A.						
	* Qty vide P.M. ref. measurement sheet 39						
		1645.00 mtr @ Rs 136.00/mtr					Rs 223720.00
26)	Atalanta, Suguna, CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5KV.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	= Qty vide p.m. ref measurement sheet 41						
	3.00 Nos @ Rs 53451.00 / Nos						Rs 160353.00
27)	supplying and fixing wiring earth electrode for grounding conduit & I.C cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit. --- the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth.						
	= Qty vide p.m. ref measurement sheet 43						
	14.00 Each @ Rs 2918.00 / Each						Rs 40852.00
28)	supplying and fixing 20"x20"x2.5" polished wood board made up not less than 25mm thick plank with front plank one end provided for doing at other end fixing the same of the value using through bolts & nuts.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	=
29)	supplying of 1.1 KV LTV
	- ruded inner sheathed.
	- ruded PVC outer sheathed
	- rming to GTP of Group -
	=
30)	Labour charges for l
	stone ware pipe / on w
	to 165mm.

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
n. ref- measurement sheet 41			
3451.00/Nos Rs 160353.00			
electrode for grounding conduit			
on the meter board using			
ntr long buried in a pit.---			
portion of salt and charcoal			
depths.			
ref- measurement sheet 43			
2918.00/Each Rs 40852.00			
ished wood board made up of			
plank one end provided for join-			
alue using through bolts & nuts.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501519

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	= Qty vide P.M. ref - measurement sheet 45						
	15.00 Each @ Rs 323.00/Each					Rs 4845.00	
29)	supplying of 1.1 KV LTUG cable having alluminium conductor PVC insulated ext-						
	- ruded inner sheathed, galvanised, steel strip confirming to IS 3975: 1990 & ext-						
	- ruded PVC outer sheathed armored cable with specified IS - 1554 part-1: 1988 & confi-						
	- rming to GTP of Group-A. 4 Crore 16 sqmm.						
	= Qty vide P.M. ref measurement sheet 47						
	68.00 mtr @ Rs 150.00/mtr					Rs 10200.00	
30)	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe						
	stone ware pipe/ on wall / on poles as required. In existing trench / duct. 6 sqmm						
	to 16 sqmm.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		= Qty vide P.M. ref. measurement sheet 49					
		20.00 mtr @ Rs 11.00/mtr				Rs 220.00	
31)	Supplying and fixing existing wooden/panel	of procelin fuse channel with cutouts on using necessary nuts, bolts & washers.					
		= Qty vide P.M. ref. measurement sheet 50					
		14.00 Each @ Rs 250.00/Each				Rs 3500.00	
32)	providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour, and item of equipments with all leads complete as per specifications.						
		= Qty vide P.M. ref. measurement sheet 52					
		16.00 Nos @ Rs 1440.00/No				Rs 23040.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
33)	Supplying and fixin
-	ion boards using n
	OFF, energy cross-3
	wiring as required
34)	cutting of road s
-	ated stuff as dire
	Cement concrete r
	as per specificati

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
			ref. measurement sheet 49
	-DD/ mtr		Rs 220.00
			channel with cutouts on
			nuts, bolts & washers.
			ref. measurement sheet 50
	50.00/ Each		Rs 3500.00
			nominal bore non-return
			including cost of all materials
			all leads complete as per
			ref. measurement sheet 52
	440.00/ NO		Rs 23040.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501520

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
33)	Supplying and fixing miniature circuit breakers on existing MCB distribut-						
-	ion boards using necessary fixing materials and 'C' type curve, indicator ON/						
	OFF, energy cross-3 with short circuit breaking capacity of 10K and complete						
	wiring as required confirming to IEC 60898. etc complete						
	= Qty Vide P.M ref measurement sheet 54						
	12.00 Each @ Rs 2072.00/ Each					Rs 24864.00	
34)	Cutting of road surface for pipeline trenches and disposing of the excav-						
-	ated stuff as directed including barricading, danger lighting etc.. in the						
	Cement concrete road including cost of all materials, labour, Hom complete						
	as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	= Qty vide P.m. ref measurement sheet 58						
	65.7 m³ @ Rs 779.00/m³					Rs 51180.00	
35)	Earth work excavation by manual means in hard soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc.. either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches etc. complete.						
	= Qty vide P.m. ref measurement sheet 59						
	271.15 m³ @ Rs 510.00/m³					Rs 138286.00	
36)	supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at Joints testing and commissioning including loading and unloading						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	to both destination an pipes and specials wi and lift including en
37)	Refilling available 20 cms in depth, watering with lead complete as per speci

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		measurement sheet 56
		DD/m³ Rs 51180.00
		ns in hard soil for founda- itary lines and electrical es 1.5m and above in width, luding dressing the bottom plete.
		ef- measurement sheet 59
		.00/m³ Rs 138286.00
		ming to IS 4985:2000 with site rolling and lowering and perfect linking cut g loading and unloading

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501521

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	to both destination and cuts of pipes wherever necessary including jointing of pvc pipes and specials with jointing of approval type with all labour with all lead and lift including encasing the pipe etc complete. = Qty vide p.m. ref. measurement sheet 62 720.00 mtr @ Rs 79.00/mtr Rs 57670.00						
37)	Refilling available earth around pipe lines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications. = Qty vide p.m. ref. measurement sheet 64						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		131.4 m^3 @ Rs 138.00/m^3				Rs 18133.00	
38)	providing and laying in position plain cement concrete of mix 1:2:4 with OPC @ 240 Kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 m^3 and fine aggregates @ 0.53 m^3, machine mixed, etc complete. = Qty vide P.M. ref measurement sheet 66						
		43.8 m^3 @ Rs 6150.00/m^3				Rs 269370.00	
39)	providing and fixing chorinated poly veny chloride pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. etc. = Qty vide P.M. ref measurement sheet 68						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
		66
40)	providing and fixing ir
- al bore including cost
- plete as per specifi cat
= Q	
		5
41)	providing and const
superstructure with
- and size of class desig
- uding cost of material
per speci	

OOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	DD/m²	Rs	18133.00
	cement concrete of mix		
	nd down size graded gran-		
	and fine aggregates @		
	ref measurement sheet 66		
	.00/m³	Rs	269370.00
	very chloride pipes con		
	stability for hot and cold		
	nd brass threaded fittings		
	t 1.00 mtr spacing. etc.		
	ref measurement sheet 68		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501522

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		66.00 Rmtr @ Rs 179.00/ Rmtr				Rs	11814.00
	40) providing and fixing in position brass bib cock of approved quality nomin- al bore including cost of all materials, labour and ham with all leads com- plete as per specifications. = Qty Vide P.M. ref. measurement sheet 70						
		55.00 Each @ Rs 215.00/ Each				Rs	11825.00
	41) providing and constructing burnt brick masonry for basement and superstructure with approved quality of non modular bricks of stand- ard size of class designation 3.5 Newton per sqm with cement mortar incl- uding cost of materials, labour charges, scaffolding, curing complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	= Qty vide P.M ref. measurement sheet 72						
	5.94 m³ @ Rs 7045.00/m³					Rs 41847.00	
42)	providing 12mm thick cement plaster in single coat with cement mortar, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc. complete.						
	= Qty vide P.M. ref. measurement sheet 74						
	79.8 m² @ Rs 266.00/m²					Rs 21067.00	
43)	Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading From 13.30km						
	= Qty vide P.M. ref. measurement sheet 76						
	58.00 m³ @ Rs 98.00/m³					Rs 5684.00	

Certified that the measurements are correct

24/6/20

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Certified

Certified that the
the Contractor ha
there is no dep

24/06/20

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
			ref. measurement sheet 72
		5.00/m³	Rs 41847.00
			in single coat with cem-
			unding off corners where-
			ing providing and removi-
			our, curing etc. complete.
			ref. measurement sheet 74
		.00/m²	Rs 21067.00
			payable at carriage rates
			ng and unloading From 13.30km
			ref. measurement sheet 76
		8.00/m³	Rs 5684.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501523

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		7069153.96				Subtotal Rs	7098784.00
		848298.47				Add 12% GST charges Rs	851854.00
		7917452.43				Grand total Rs	7950638.00

Certified

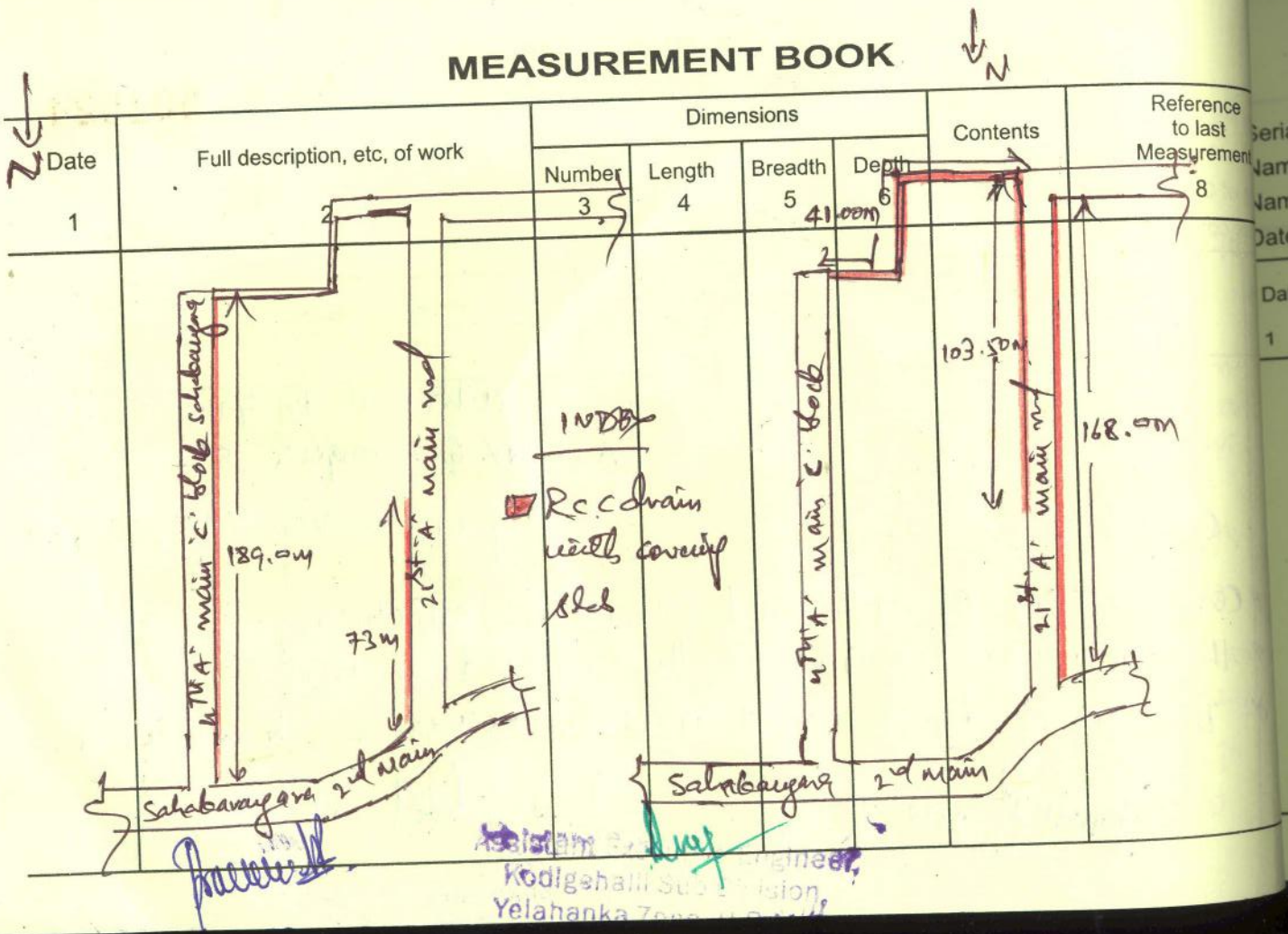
* Certified that the contractor has workdone satisfactorily.
* the Contractor has removed the debries from work site.
* there is no departmental material issued to the contractor.

29/06/2020 (Contractor)

29/6/20
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

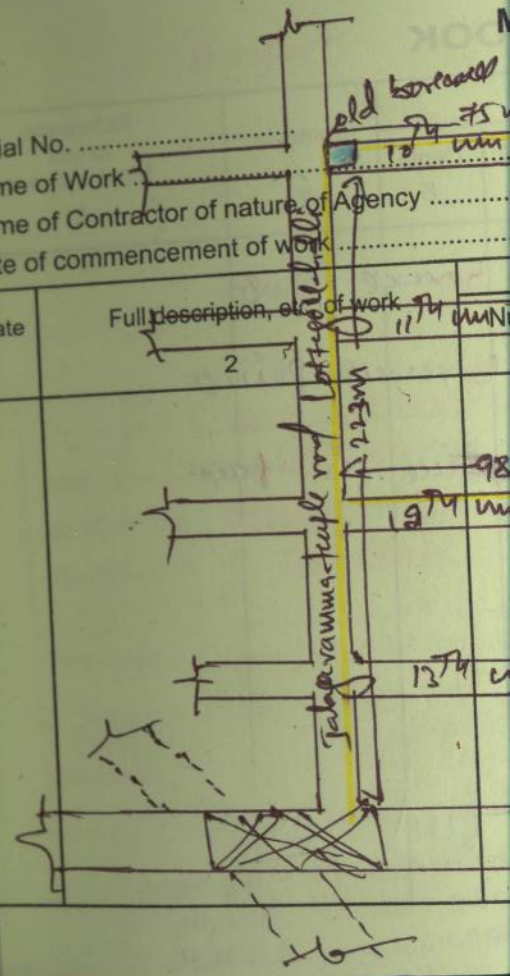
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone,

Serial No. .....
Name of Work : .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....



OOK

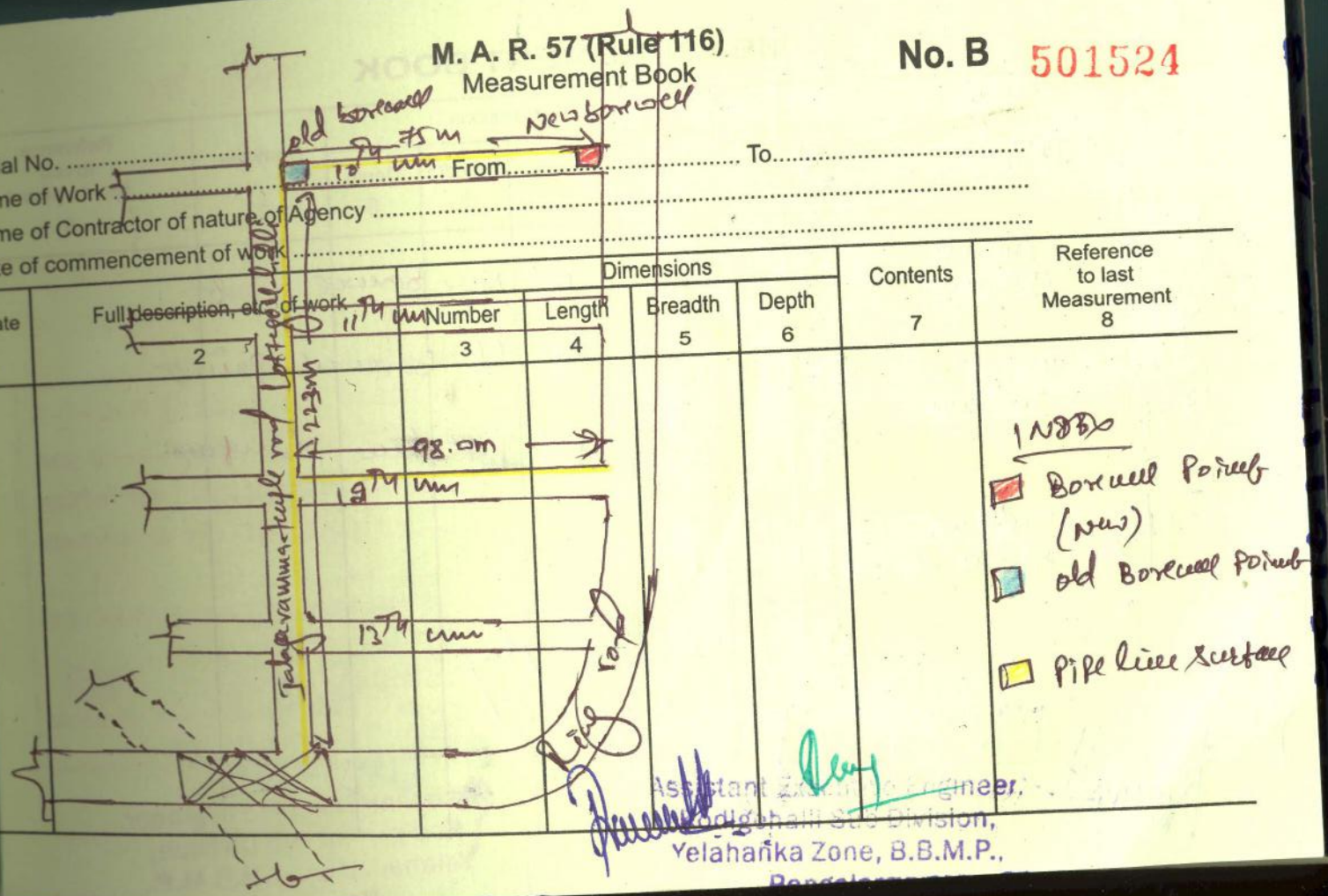
Contents	Reference to last Measurement
Depth 6	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501524

erial No. ..... To.....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

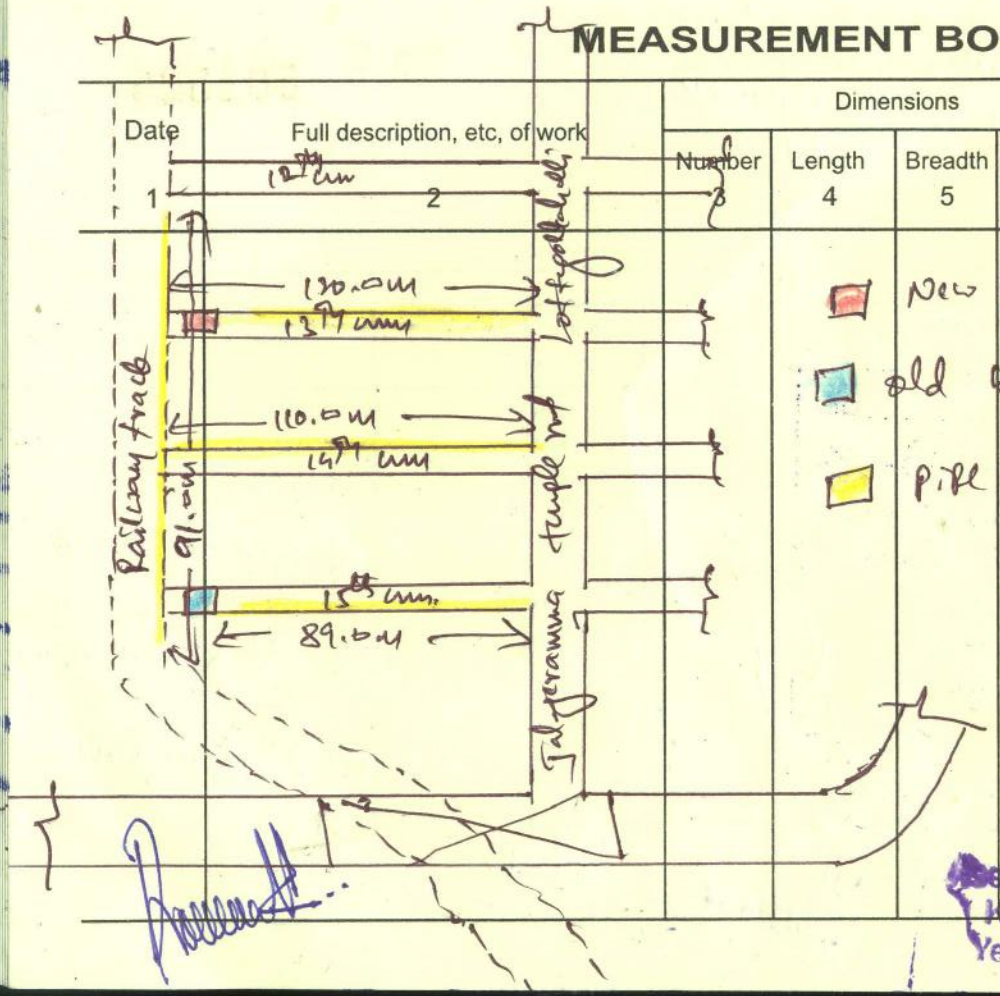
Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



1 NBB
Borewell points (new)
old Borewell points
Pipe line surface

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

1st & part

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 7917400/- ಗಳನ್ನ
ಇದರಲ್ಲಿ ರೂ. 363100/- ಗಳ
ಮಾಡಿಕೊಂಡು ರೂ. 7554300/-

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡ

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	borewell Point		
	borewell Point		
	Line Sump		

Assistant Executive Engineer,
Kodig... Sub Division,
Yelahanka Zone, B.B.M.P.,
Ba...

1st & Part

M. A. R. 57 (Rule 116)
Measurement Book

No. B 501525

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	P 3296 - P 3293 - P-3291 ರಂದು ಬಿಲ್ಲು ಪೂರ್ಣವಾಗಿ ರೂ. 7917400/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 363100/= ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 7554300/= ಗಳನ್ನು RT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧಿಕಾರಿ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 22/07 ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು ಬೃಬೆಮಪಾ, ಬೆಂಗಳೂರು			1st & Part Bill		7917400	
					I.T	79174	
					CGST	70692	
					SGST	70692	
					Cess	79174	
					CBF	7918	
					ER	55450	
					Ded.	363100	
					Check	7554300	